



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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INSPECTION REPORT

Inspection Date and Time: March 27, 2003, about 12:40 to 1:00 PM

Date of Last Inspection: Not previously inspected

Mine Name: Cloudy Moon Number: S/037/116 County: San Juan Status: Active

Operator: Moon Mountain Stone

Participants: Ted McDougall (BLM) and Paul Baker

Weather conditions: Mostly clear, 30's

Existing disturbed area acreage: Precise area not known; it is near the permitted area of 2 acres. Permitted acreage: 2 acres

Purpose of the inspection:

We were in the area, and I wanted to inspect the site.

Portions of the operation examined:	Evaluated	Comments	Potential Noncompliance
Permitting issues			
1. Bond up to date?	<u>0</u>	<u>0</u>	<u>0</u>
2. Permitted acreage matches the site?	<u>(X)</u>	<u>0</u>	<u>0</u>
Operations			
3. Topsoil			
a. Salvage	<u>(X)</u>	<u>(X)</u>	<u>0</u>
b. Protection	<u>0</u>	<u>0</u>	<u>0</u>
4. Access roads permitted and maintained?	<u>0</u>	<u>0</u>	<u>0</u>
5. Hydrology			
a. Offsite sedimentation?	<u>(X)</u>	<u>0</u>	<u>0</u>
b. Maintenance of runoff control structures?	<u>0</u>	<u>0</u>	<u>0</u>
c. Accelerated erosion?	<u>0</u>	<u>0</u>	<u>0</u>
d. Water discharges in compliance?	<u>0</u>	<u>0</u>	<u>0</u>
6. Toxic/hazardous materials	<u>0</u>	<u>0</u>	<u>0</u>
a. Proper storage?	<u>0</u>	<u>0</u>	<u>0</u>
b. Proper disposal?	<u>0</u>	<u>0</u>	<u>0</u>
7. Explosives			
a. Stored properly?	<u>0</u>	<u>0</u>	<u>0</u>
b. Blasting records kept properly?	<u>0</u>	<u>0</u>	<u>0</u>
c. Warning signs/closures?	<u>0</u>	<u>0</u>	<u>0</u>
8. Waste disposal			
a. Mine waste being placed where shown in plan?	<u>0</u>	<u>0</u>	<u>0</u>
b. Garbage being disposed of neatly and correctly?	<u>0</u>	<u>0</u>	<u>0</u>
9. Other aspects of operations	<u>0</u>	<u>0</u>	<u>0</u>
a. Highwalls	<u>0</u>	<u>0</u>	<u>0</u>
b. Air Quality	<u>0</u>	<u>0</u>	<u>0</u>
c. Equipment/structures match the plan?	<u>0</u>	<u>0</u>	<u>0</u>
Reclamation			
10. Grading according to plan	<u>0</u>	<u>0</u>	<u>0</u>

11. Mine waste disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Topsoil application/depth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. Revegetation			
a. Timing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Seed mix	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Planting method	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Noxious weeds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Growth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Observations and conclusions (numbered according to the categories above):

General Description:

The quarry is in two areas on the east and west sides of a point. On the east side, it appears the operator has been splitting large stones on the surface rather than digging them (Photo 1). Surface disturbance is minimal. There is a road that has been graded to this area.


There is more of a traditional quarry on the west side, and it appears the operator has been using a forklift to lift stone out of the ground (Photos 2-4). There was a forklift on site although I'm not certain it is operable.

3. Topsoil

a. Salvage

As far as I am aware, this site had not been previously disturbed. In the west quarry, there is not a lot of soil over the stone, but it looked like there was enough that it could be salvaged. We did not see any soil stockpiles. The operator needs to begin salvaging soil in this area.

Soil had not been salvaged in the east quarry area either, but because of the nature of the disturbances, soil salvage has not been necessary. If, however, the operator begins digging stone from this area, he should first salvage the soil.


Inspector's name and date signed

Copies of this report sent to:

Mike Murphy (Moon Mountain Stone)

John Blake (SITLA)

ATTACHMENT
Inspection Date: March 27, 2003; Report Date: April 3, 2003
Photographs
S/037/116, Cloudy Moon Quarry, Moon Mountain Stone



Photo 1. Some of the split stones at the east quarry.



Photo 3. Another photo of the west quarry area.



Photo 2. West quarry area.



Photo 4. Forklift at the west quarry.